

(Absence of an entry indicates that trees generally do not grow to the given height.)

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
Ad: Adrian, undrained---	---	---	---	---	---
Am: Adrian, drained---	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Alternateteaf dogwood, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, northern white- cedar, tamarack.	Blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Au: Aubbeenaubbee----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BlA: Blount-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BlB2: Blount-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BoB: Boyer-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BoC: Boyer-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
BoD2: Boyer-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Br: Brady-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Bx: Brookston-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush	Cockspur hawthorn, hazel alder, nannyberry, roughleaf	Green hawthorn, hackberry, northern white- cedar, shingle	Norway spruce, blackgum, bur oak, green ash, pin oak, swamp	Eastern cottonwood, imperial Carolina poplar, red

		cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	dogwood.	oak.	white oak.	maple, river birch, silver maple.
CcC3: Casco-----		Gray dogwood, redosier dogwood, silky dogwood.	Blackhaw, common chokecherry, hazelnut, nannyberry, roughleaf dogwood.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Bitternut hickory, bur oak, chinkapin oak, green ash, white spruce.	American sycamore, eastern cottonwood, imperial Carolina poplar.
ChB: Chelsea-----		American elder, common juniper, coralberry, highbush cranberry, silky dogwood.	Arrowwood, blackhaw, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, Washington hawthorn, eastern redcedar, hackberry, serviceberry.	Blackgum, bur oak, eastern white pine, green ash, red maple, red pine, river birch, silver maple.	Eastern cottonwood, imperial Carolina poplar.
ChC: Chelsea-----		American elder, common juniper, coralberry, highbush cranberry, silky dogwood.	Arrowwood, blackhaw, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, Washington hawthorn, eastern redcedar, hackberry, serviceberry.	Blackgum, bur oak, eastern white pine, green ash, red maple, red pine, river birch, silver maple.	Eastern cottonwood, imperial Carolina poplar.
CrA: Crosier-----		American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Ed: Edwards-----		American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Alternatleaf dogwood, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, northern white- cedar, tamarack.	Blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Em: Edwards-----		American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Alternatleaf dogwood, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, northern white- cedar, tamarack.	Blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
FoA: Fox-----		American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
FoB: Fox-----		American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
FoC2: Fox-----		American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
FsD2: Fox-----		American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Casco-----		Common winterberry, gray dogwood, redosier	Blackhaw, common pawpaw, nannyberry,	Washington hawthorn, common hackberry,	American sycamore, bur oak, chinkapin oak,	Eastern cottonwood, imperial Carolina

	dogwood, silky dogwood.	roughleaf dogwood.	eastern redcedar, northern white-cedar.	green ash.	poplar.
FsE2: Fox-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white-cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Casco-----	Common winterberry, gray dogwood, redosier dogwood, silky dogwood.	Blackhaw, common pawpaw, nannyberry, roughleaf dogwood.	Washington hawthorn, common hackberry, eastern redcedar, northern white-cedar.	American sycamore, bur oak, chinkapin oak, green ash.	Eastern cottonwood, imperial Carolina poplar.
Fu: Fulton-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white-cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Gf: Gilford-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white-cedar, shingle oak.	Norway spruce, blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Gp: Pits-----	---	---	---	---	---
HaA: Haskins-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white-cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Hh: Homer-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white-cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Hm: Houghton, undrained-----	---	---	---	---	---
Ho: Houghton, drained-	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Alternaleaf dogwood, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, northern white-cedar.	Blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
La: Lake borders-----	---	---	---	---	---
Ma: Marl beds-----	---	---	---	---	---
Mb: Marsh-----	---	---	---	---	---
MdB: Martinsville-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white-cedar, prairie crabapple, serviceberry.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.

MeB: Metea-----	American elder, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry.	Norway spruce, black walnut, blackgum, bur oak, northern red oak, pin oak, swamp white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.
MfB2: Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
MfC2: Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
MfD2: Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
MfE2: Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
MgC3: Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, Washington hawthorn, black oak, eastern redcedar, hackberry, northern white- cedar, serviceberry, chinkapin oak.	Norway spruce, blackgum, eastern white pine, green ash, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
MgD3: Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, Washington hawthorn, black oak, eastern redcedar, hackberry, northern white- cedar, serviceberry, chinkapin oak.	Norway spruce, blackgum, eastern white pine, green ash, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
MhA: Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.

MhB2: Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
Mn: Milford-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, shingle oak.	Norway spruce, blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
MrB2: Morley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
MrC2: Morley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
MrD2: Morley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
MsC3: Morley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, Washington hawthorn, black oak, eastern redcedar, hackberry, northern white- cedar, serviceberry, chinkapin oak.	Norway spruce, blackgum, eastern white pine, green ash, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
MsD3: Morley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	American plum, Washington hawthorn, black oak, eastern redcedar, hackberry, northern white- cedar, serviceberry, chinkapin oak.	Norway spruce, blackgum, eastern white pine, green ash, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
MtE: Morley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.

Mu2: Morley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
Rawson-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
OsB: Oshtemo-----	American elder, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry.	Norway spruce, black walnut, blackgum, bur oak, northern red oak, pin oak, swamp white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.
OsC: Oshtemo-----	American elder, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry.	Norway spruce, black walnut, blackgum, bur oak, northern red oak, pin oak, swamp white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.
OtA: Oshtemo-----	American elder, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazel alder, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry.	Norway spruce, black walnut, blackgum, bur oak, northern red oak, pin oak, swamp white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree.
Pb: Palms-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Alternatleaf dogwood, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, northern white- cedar, tamarack.	Blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
PdA: Parr-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, prairie crabapple, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, witchhazel.	American plum, Washington hawthorn, eastern redcedar, hackberry, northern white- cedar, serviceberry.	Norway spruce, black oak, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, northern red oak, red pine, tuliptree, white oak, white spruce.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Pe: Pewamo-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark,	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, shingle oak.	Norway spruce, blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver

		redosier dogwood, silky dogwood, spicebush.			maple.
RaB:					
Rawson-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
RaC2:					
Rawson-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
RbA:					
Rawson-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
RbB:					
Rawson-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
RdB2:					
Rawson-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
Miami-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
Morley-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazelnut, nannyberry, pawpaw, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry, shingle oak.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, swamp white oak, tuliptree, white ash, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple.
Re:					
Rensselaer-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood,	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, shingle oak.	Norway spruce, blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.

		silky dogwood, spicebush.			
RsA: Riddles-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
RsB: Riddles-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
RsC2: Riddles-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
RsD2: Riddles-----	American elder, black chokeberry, common juniper, coralberry, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, hazelnut, nannyberry, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac, wild sweet crab, witchhazel.	American plum, Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, prairie crabapple, serviceberry.	Norway spruce, black cherry, black walnut, blackgum, northern red oak, pin oak, red pine, white oak.	Eastern cottonwood, eastern white pine, green ash, imperial Carolina poplar, red maple, river birch, silver maple, tuliptree, white ash.
Se: Sebewa-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, shingle oak.	Norway spruce, blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Sh: Shoals-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, pawpaw, roughleaf dogwood.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, tamarack.	Shumard's oak, blackgum, bur oak, green ash, pin oak, swamp white oak, sweetgum, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
To: Toledo-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Cockspur hawthorn, hazel alder, nannyberry, roughleaf dogwood.	Green hawthorn, hackberry, northern white- cedar, shingle oak.	Norway spruce, blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
W: Water-----	---	---	---	---	---
Wa: Wallkill-----	American elder, black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Alternatleaf dogwood, hazel alder, nannyberry, roughleaf dogwood.	Downy hawthorn, northern white- cedar, tamarack.	Blackgum, bur oak, green ash, pin oak, swamp white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
WrA: Warsaw-----	American elder, black chokeberry, common juniper, coralberry, highbush cranberry, silky dogwood.	Hazelnut, roughleaf dogwood, shining sumac, smooth sumac, staghorn sumac.	Washington hawthorn, eastern redcedar, hackberry, northern white- cedar.	Norway spruce, blackgum, bur oak, chinkapin oak, eastern white pine, green ash, red pine, white oak.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Ws: Washtenaw-----	American elder,	Cockspur hawthorn,	Green hawthorn,	Norway spruce,	Eastern

	black chokeberry, buttonbush, gray dogwood, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	hazel alder, nannyberry, roughleaf dogwood.	hackberry, northern white- cedar, shingle oak.	blackgum, bur oak, green ash, pin oak, swamp white oak.	cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.
Wt: Whitaker-----	American elder, black chokeberry, highbush cranberry, ninebark, redosier dogwood, silky dogwood, spicebush.	Arrowwood, blackhaw, cockspur hawthorn, hazel alder, nannyberry, pawpaw, prairie crabapple, roughleaf dogwood, witchhazel.	Washington hawthorn, common persimmon, eastern redcedar, hackberry, northern white- cedar, shingle oak, tamarack.	Norway spruce, Shumard's oak, blackgum, bur oak, eastern white pine, green ash, pin oak, swamp white oak, white ash.	Eastern cottonwood, imperial Carolina poplar, red maple, river birch, silver maple.